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<p align="center">REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL</p> <p>Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000 Provides for continued examination of an utility or plant application filed on or after June 8, 1995. See The American Inventors Protection Act of 1999 (AIPA).</p>	Application Number	09/341,505
	Filing Date	July 12, 1999
	First Named Inventor	JACKSON, STEPHEN PHILIP
	Group Art Unit	1653
	Examiner Name	ROBINSON, HOPE A.
	Attorney Docket Number	MEWE-005

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

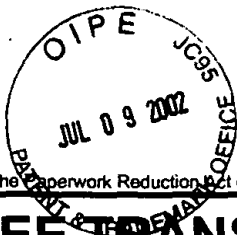
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- Submission** required under 37 C.F.R. § 1.114
 - ☐ Previously submitted
 - ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered).
 - ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - ☐ Other _____
 - ☒ Enclosed
 - ☒ Amendment/Reply
 - ☐ Affidavit(s)/Declaration(s)
 - ☐ Information Disclosure Statement (IDS)
 - ☐ Other _____
- Miscellaneous**
 - ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)
 - ☐ Other _____
- Fees** The RCE fee under 37 C.F.R. § 1.17 (e) is required by 37 C.F.R. § 1.114 when RCE is filed.
 - ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to
Deposit Account No. **50-0815**
 - ☒ RCE fee required under 37 C.F.R. § 1.17 (e) 07/10/2002 BMSUYEN1 00000049 500815 09341505
 - ☒ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17) 01 FC:279 370.00 CH
 - ☒ Other **Fee Transmittal in duplicate**
 - ☐ Check in the amount of \$ _____ enclosed
 - ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,677
Signature	<i>Pamela Sherwood</i>	Date	June 28, 2002

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Name (Print/Type)	Susan M. Alessi	Date	June 28, 2002
Signature	<i>Susan M. Alessi</i>	Date	June 28, 2002

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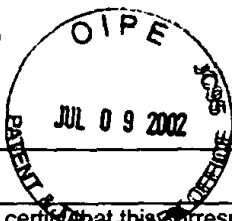
PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
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FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
TOTAL AMOUNT OF PAYMENT (\$)		Application Number	09/341,505
METHOD OF PAYMENT		Filing Date	July 12, 1999
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 50-0815 Deposit Account Name Bozicevic, Field & Francis LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27		First Named Inventor	JACKSON, STEPHEN PHILIP
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		Examiner Name	ROBINSON, HOPE A.
FEE CALCULATION		Group Art Unit	1653
2. BASIC FILING FEE		Attorney Docket No.	MEWE-005
3. ADDITIONAL FEES		FEE CALCULATION (continued)	
SUBTOTAL (1)		SUBTOTAL (2) (\$)	
1. EXTRA CLAIM FEES		SUBTOTAL (3) (\$)	
SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)		Registration No.	
Signature		Date	

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Typed or Printed Name	Susan M. Alessi	Date	June 28, 2002
Signature	<i>Susan M. Alessi</i>		

AMENDMENT Address to: Assistant Commissioner for Patents Washington, D.C. 20231	Attorney Docket Confirmation No.	MEWE-005 5221	COPY OF PAPER: ORIGINALLY FILED
	First Named Inventor	Jackson et al.	
	Application Number	09/341,505	
	Filing Date	July 12, 1999	
	Group Art Unit	1653	
	Examiner Name	H. Robinson	
	Title	ASSAYS, AGENTS, THERAPY AND DIAGNOSIS RELATING TO MODULATION OF CELLULAR DNA REPAIR ACTIVITY	

Sir:

Prior to continued examination of the above identified patent application, please make the following amendments. In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested.

IN THE CLAIMS

Please cancel claim 2 and 4 without prejudice.

E1
9/1/01

1. (amended) A method for identifying a compound X which inhibits the binding between XRCC4 (XR-1 Cell Complementing 4) and DNA ligase IV, or XRCC4 and DNA-PK_{CS}/Ku (DNA-dependent Protein Kinase catalytic subunit/Ku), or XRCC4, DNA ligase IV and DNA-PK_{CS}/Ku, the method comprising the steps of

(i) contacting XRCC4 with compound X and one or more components selected from the group consisting of DNA ligase IV and DNA-PK_{CS}/Ku; under conditions wherein, in the absence of said compound X being an inhibitor of binding, said XRCC4 binds to said one or more components selected from the group consisting of DNA ligase IV and DNA-PK_{CS}/Ku; and

(ii) determining binding between said XRCC4 and said one or more components selected from the group consisting of DNA ligase IV and DNA-PK_{CS}/Ku; reduction or abolition in binding between said XRCC4 and said one or more components selected from the group consisting of DNA ligase IV and DNA-PK_{CS}/Ku being indicative that said compound X inhibits